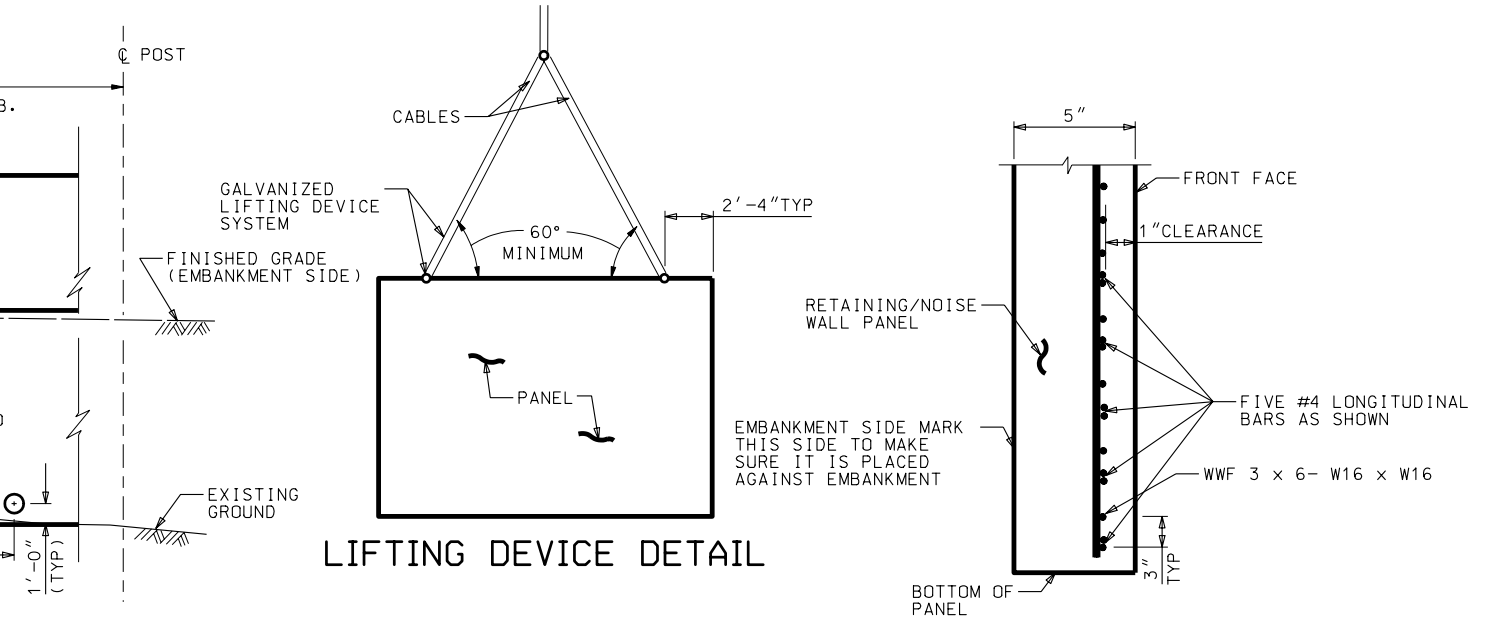
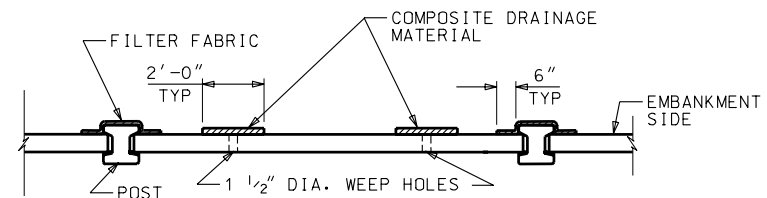


TYPICAL ELEVATION



LIFTING DEVICE DETAIL

DETAIL "A"  
(RETAINING/NOISE WALL PANEL ONLY)



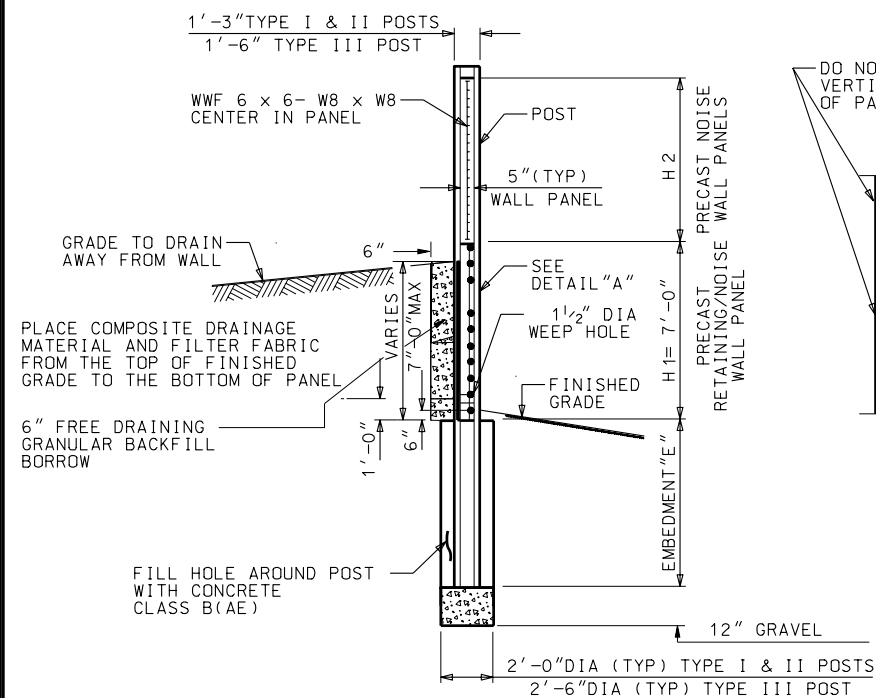
SECTION C-C

NOTES:

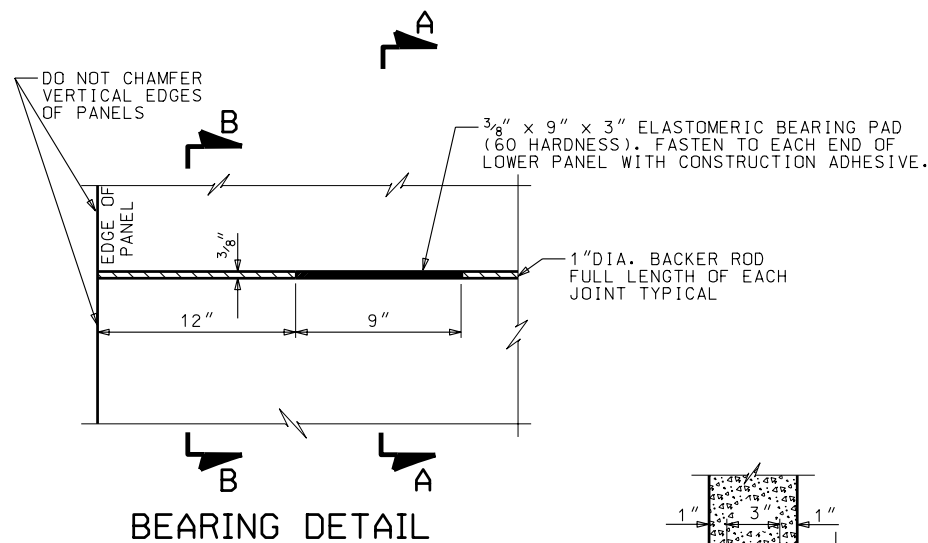
1. CHAMFER EXPOSED CONCRETE CORNERS AS SHOWN.
2. PROVIDE 2" COVER TO REINFORCING STEEL EXCEPT WHERE NOTED OTHERWISE.
3. SEE ROADWAY PLANS FOR LOCATION AND HEIGHT OF PRECAST RETAINING/NOISE WALL.
4. ALL PANELS ARE 11'-5" LONG AND 5" THICK.
5. SEE STD DWG SW 2 "NOISE WALL PLACEMENT AREA" FOR ADDITIONAL PLACEMENT INFORMATION.

DESIGN DATA

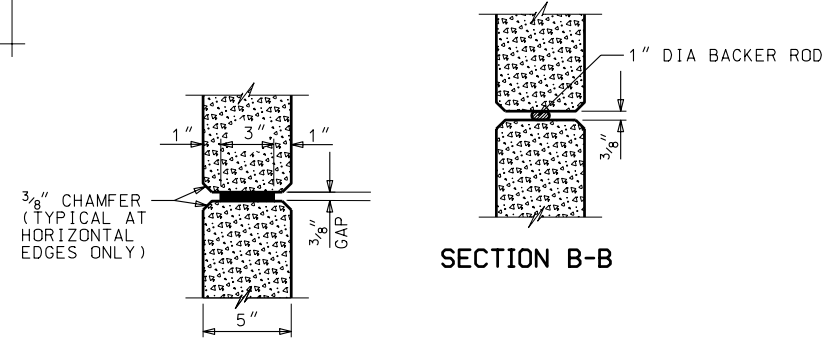
AASHTO GUIDE SPECIFICATIONS FOR STRUCTURAL DESIGN OF SOUND BARRIERS.  
CONCRETE CLASS 4A(AE)  $f'_c = 5,000$  psi;  $f_s$  (REINF.) = 24,000 psi;  $n=8$ .  
CONCRETE CLASS B(AE)  $f'_c = 2,500$  psi (FOR HOLES AROUND POSTS ONLY)  
EARTH PRESSURE = 36 lb./ $F+3$



TYPICAL SECTION



BEARING DETAIL



SECTION A-A

SECTION B-B

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL  
CHAIRMAN STANDARDS COMMITTEE  
APPROVED  
DEPUTY DIRECTOR  
DATE  
DEC 19, 2002  
DATE  
DEC 19, 2002

PRECAST CONCRETE  
RETAINING/NOISE  
WALL 1 OF 2

STD DWG  
SW 4A

REVISIONS  
1 12/19/02 B.W. CORRECTED PANEL LENGTH IN NOTE 4

STANDARD DRAWING TITLE

REMARKS

NO. DATE APPR.